

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047738.D
 Acq On : 28 Mar 2022 19:16
 Operator : SY/MD
 Sample : N2081-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 01:47:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329405	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340489	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91489	38.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.600%
7) Chloroethane-d5	1.919	69	83868	44.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.060%
11) 1,1-Dichloroethene-d2	2.571	63	146953	33.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.642	46	239672	116.896	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.900%
24) Chloroform-d	5.067	84	205388	46.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.703	65	134587	50.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
32) Benzene-d6	5.729	84	406894	47.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	6.690	67	133876	50.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	7.899	98	351245	42.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	8.182	79	61465	46.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.636	63	184279	119.638	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229071	50.729	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	168081	51.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.880%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	29838m	13.205	ug/L	
19) 1,1-Dichloroethane	3.874	63	101695	24.194	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	47112	17.632	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	1107404	286.833	ug/L	99
34) Trichloroethene	6.542	95	236659	91.592	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	2427	0.913	ug/L	93
46) Tetrachloroethene	8.555	164	537872	231.649	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

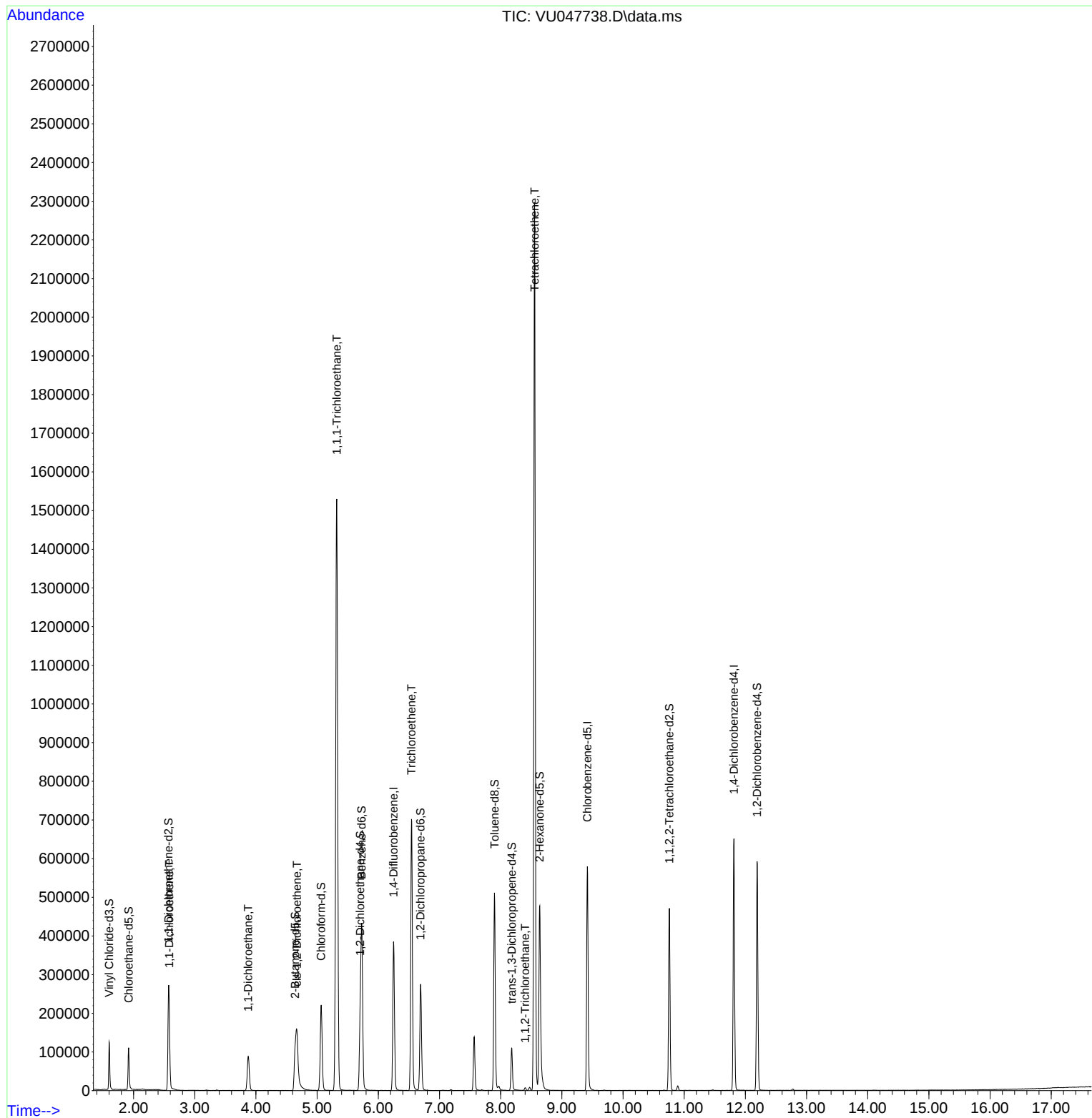
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
Data File : VU047738.D
Acq On : 28 Mar 2022 19:16
Operator : SY/MD
Sample : N2081-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

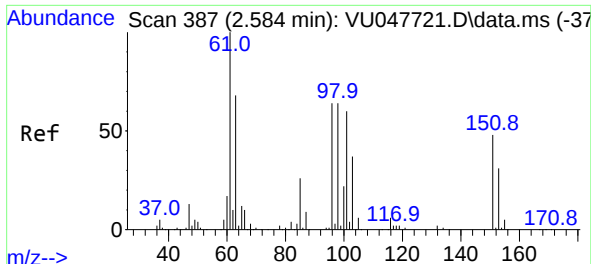
Instrument :
MSVOA_U
ClientSampleId :
EW5Y1

Quant Time: Mar 29 01:47:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 29 01:43:13 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

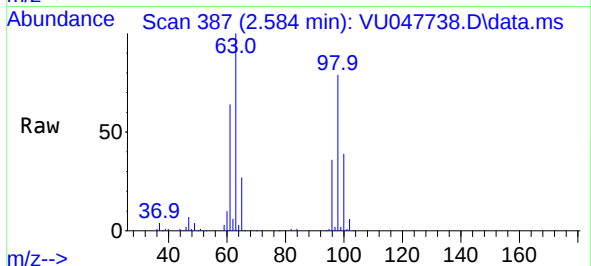
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022





#12
1,1-Dichloroethene
Concen: 13.205 ug/L m
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

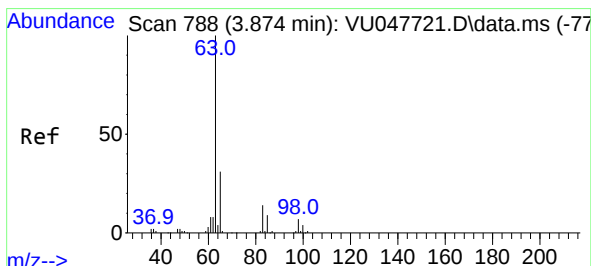
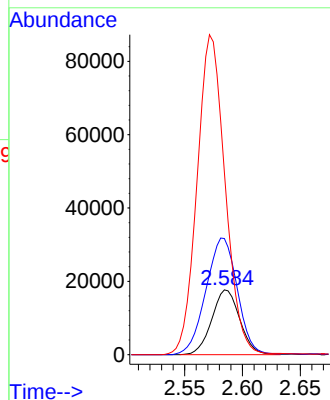
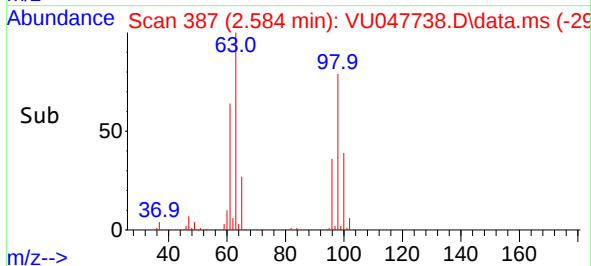
Instrument :
MSVOA_U
ClientSampleId :
EW5Y1



Tgt Ion: 96 Resp: 29838
Ion Ratio Lower Upper
96 100
61 179.2 113.1 210.1
63 281.6 94.8 176.0

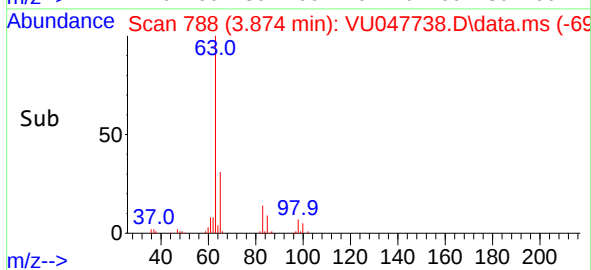
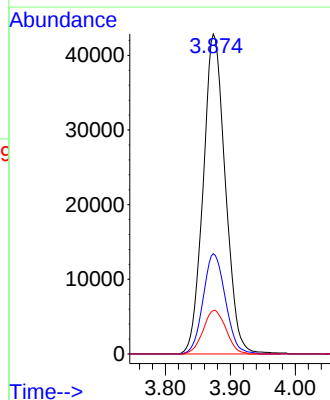
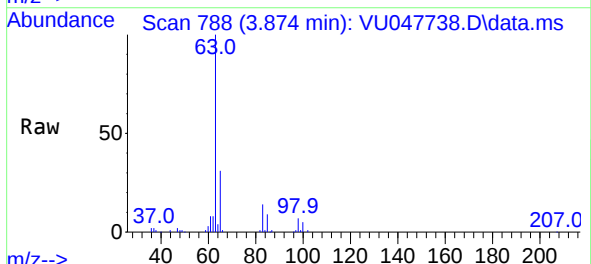
Manual Integrations
APPROVED

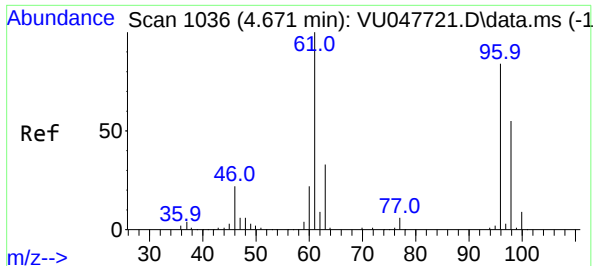
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#19
1,1-Dichloroethane
Concen: 24.194 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

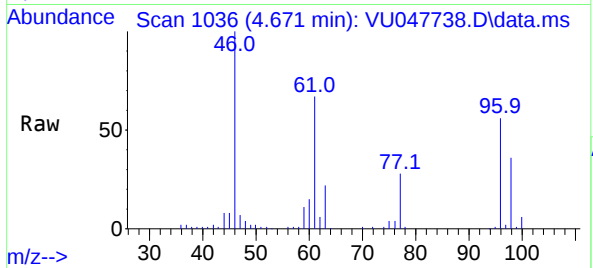
Tgt Ion: 63 Resp: 101695
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 13.6 9.7 18.1





#20
cis-1,2-Dichloroethene
Concen: 17.632 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

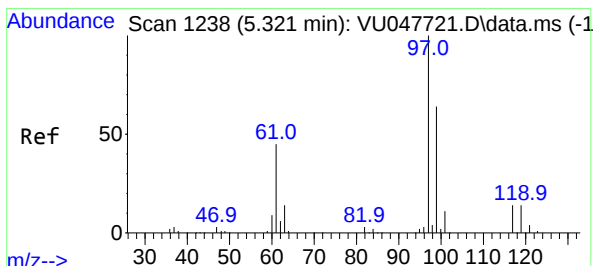
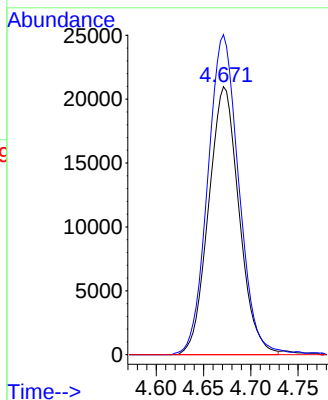
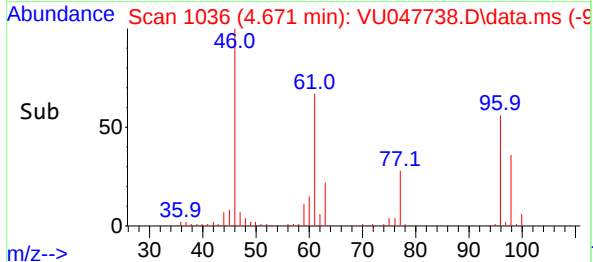
Instrument :
MSVOA_U
ClientSampleId :
EW5Y1



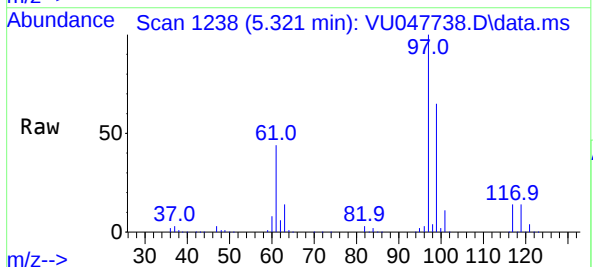
Tgt Ion: 96 Resp: 4711
Ion Ratio Lower Upper
96 100
61 119.4 80.7 149.9
68 0.0 0.0 0.0

Manual Integrations
APPROVED

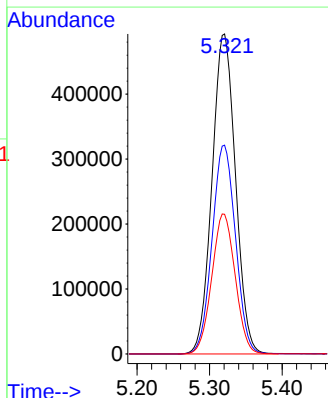
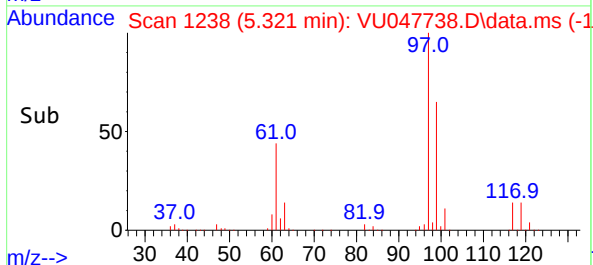
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

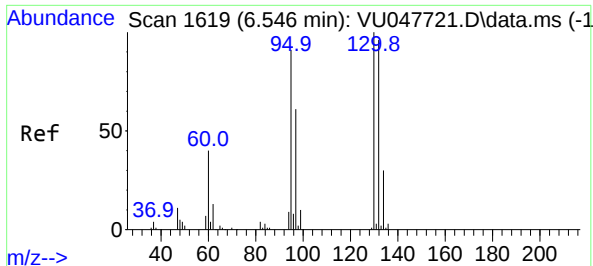


#30
1,1,1-Trichloroethane
Concen: 286.833 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16



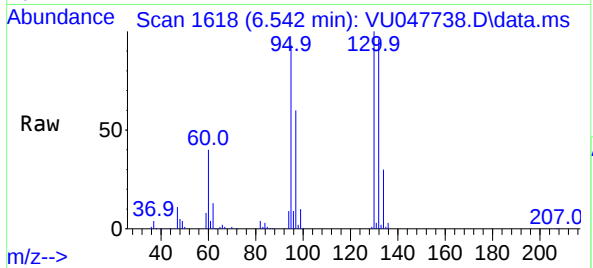
Tgt Ion: 97 Resp: 1107404
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 43.7 34.2 51.4





#34
Trichloroethene
Concen: 91.592 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

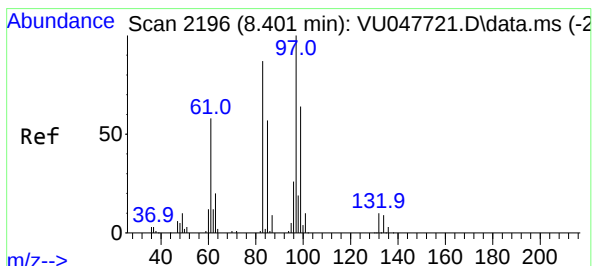
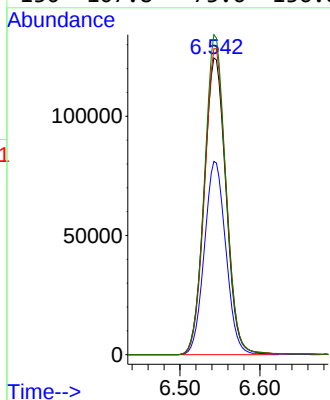
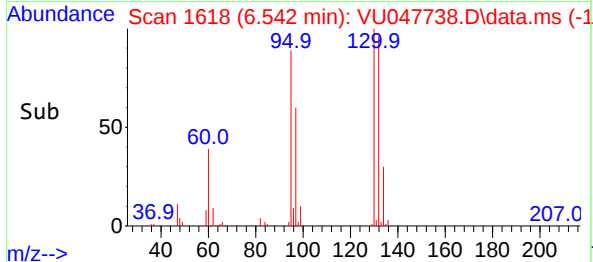
Instrument :
MSVOA_U
ClientSampleId :
EW5Y1



Tgt Ion: 95 Resp: 236659
Ion Ratio Lower Upper
95 100
97 65.1 44.7 82.9
132 103.1 70.4 130.8
130 107.8 73.6 136.8

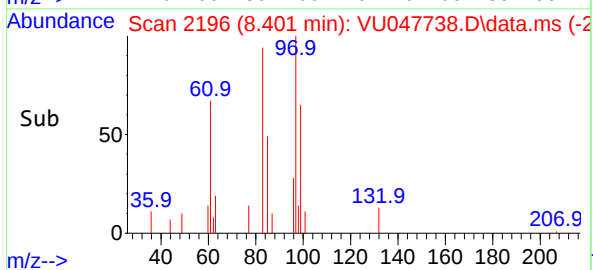
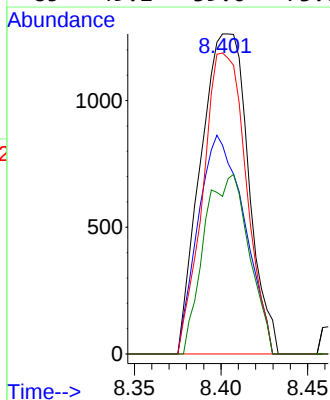
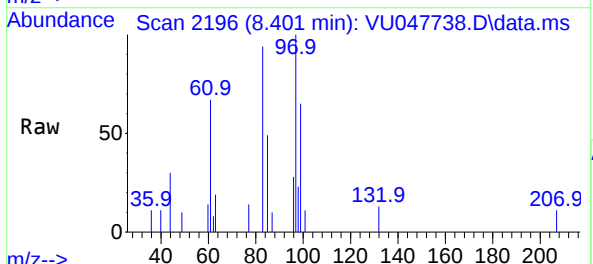
Manual Integrations
APPROVED

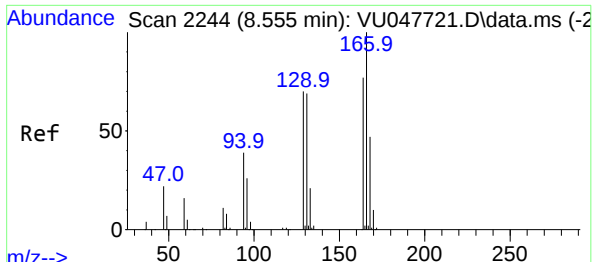
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#45
1,1,2-Trichloroethane
Concen: 0.913 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

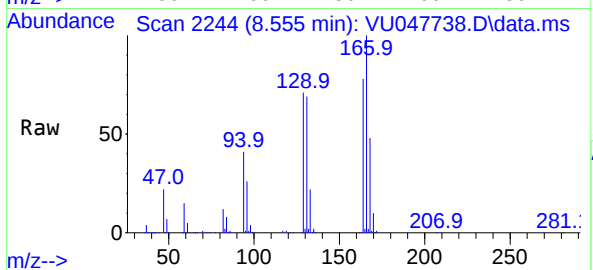
Tgt Ion: 97 Resp: 2427
Ion Ratio Lower Upper
97 100
99 65.2 43.3 80.3
83 94.1 61.0 113.4
85 49.2 39.6 73.6





#46
Tetrachloroethene
Concen: 231.649 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EW5Y1



Tgt Ion:164 Resp: 537872

Ion	Ratio	Lower	Upper
164	100		
129	91.2	62.4	116.0
131	88.7	60.7	112.7
166	128.2	89.0	165.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

